

# Carol Goodwillie

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

3,794  
citations

279798

23  
h-index

315739

38  
g-index

43  
all docs

43  
docs citations

43  
times ranked

3355  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Evolutionary Enigma of Mixed Mating Systems in Plants: Occurrence, Theoretical Explanations, and Empirical Evidence. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2005, 36, 47-79.	8.3	910
2	Evaluating Approaches to the Conservation of Rare and Endangered Plants. <i>Ecology</i> , 1994, 75, 584-606.	3.2	853
3	Plant mating systems in a changing world. <i>Trends in Ecology and Evolution</i> , 2010, 25, 35-43.	8.7	458
4	Correlated evolution of mating system and floral display traits in flowering plants and its implications for the distribution of mating system variation. <i>New Phytologist</i> , 2010, 185, 311-321.	7.3	191
5	ANALYSIS OF INBREEDING DEPRESSION IN MIXED-MATING PLANTS PROVIDES EVIDENCE FOR SELECTIVE INTERFERENCE AND STABLE MIXED MATING. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 3339-3359.	2.3	188
6	MULTIPLE ORIGINS OF SELF-INCOMPATIBILITY IN <i>LINANTHUS</i> SECTION <i>LEPTOSIPHON</i> (POLEMONIACEAE): PHYLOGENETIC EVIDENCE FROM INTERNAL-TRANSCRIBED SPACER SEQUENCE DATA. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 1387-1395.	2.3	99
7	Global biogeography of mating system variation in seed plants. <i>Ecology Letters</i> , 2017, 20, 375-384.	6.4	85
8	A ROLE FOR NONADAPTIVE PROCESSES IN PLANT GENOME SIZE EVOLUTION?. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 2097-109.	2.3	79
9	Are algal genes in nonphotosynthetic protists evidence of historical plastid endosymbioses?. <i>BMC Genomics</i> , 2009, 10, 484.	2.8	76
10	Pollen competition as a unilateral reproductive barrier between sympatric diploid and tetraploid <i>Chamerion angustifolium</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 2565-2571.	2.6	69
11	THE GENETIC BASIS OF FLORAL TRAITS ASSOCIATED WITH MATING SYSTEM EVOLUTION IN <i>LEPTOSIPHON</i> (POLEMONIACEAE): AN ANALYSIS OF QUANTITATIVE TRAIT LOCI. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 491-504.	2.3	69
12	Phylogenetic evidence for a flower size and number trade-off. <i>American Journal of Botany</i> , 2007, 94, 2059-2062.	1.7	69
13	The best of both worlds? A review of delayed selfing in flowering plants. <i>American Journal of Botany</i> , 2018, 105, 641-655.	1.7	67
14	Wind pollination and reproductive assurance in <i>Linanthus parviflorus</i> (Polemoniaceae), a self-incompatible annual. <i>American Journal of Botany</i> , 1999, 86, 948-954.	1.7	59
15	Inbreeding Depression and Mixed Mating in <i>Leptosiphon jepsonii</i> : A Comparison of Three Populations. <i>Annals of Botany</i> , 2006, 98, 351-360.	2.9	44
16	Pollen Limitation and the Evolution of Self-Incompatibility in <i>Linanthus</i> (Polemoniaceae). <i>International Journal of Plant Sciences</i> , 2001, 162, 1283-1292.	1.3	42
17	Transient Self-Incompatibility Confers Delayed Selfing in <i>Leptosiphon jepsonii</i> (Polemoniaceae). <i>International Journal of Plant Sciences</i> , 2004, 165, 387-394.	1.3	42
18	Correlated Evolution in Floral Morphology and the Timing of Self-Incompatibility in <i>Leptosiphon jepsonii</i> (Polemoniaceae). <i>International Journal of Plant Sciences</i> , 2005, 166, 741-751.	1.3	42

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19	The genetic control of self-incompatibility in <i>Linanthus parviflorus</i> (Polemoniaceae). <i>Heredity</i> , 1997, 79, 424-432.	2.6	41
20	Inbreeding depression and mating systems in two species of <i>Linanthus</i> (Polemoniaceae). <i>Heredity</i> , 2000, 84, 283-293.	2.6	41
21	Multiple Origins of Self-Compatibility in <i>Linanthus</i> Section <i>leptosiphon</i> (Polemoniaceae): Phylogenetic Evidence from Internal-Transcribed-Spacer Sequence Data. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 1387.	2.3	37
22	Timing of self-compatibility, flower longevity, and potential for male outcross success in <i>Leptosiphon jepsonii</i> (Polemoniaceae). <i>American Journal of Botany</i> , 2007, 94, 1338-1343.	1.7	34
23	Interactions of hybridization and mating systems: A case study in <i>Leptosiphon</i> (Polemoniaceae). <i>American Journal of Botany</i> , 2013, 100, 1002-1013.	1.7	31
24	Long-Term Nutrient Enrichment of an Oligotroph-Dominated Wetland Increases Bacterial Diversity in Bulk Soils and Plant Rhizospheres. <i>MSphere</i> , 2020, 5, .	2.9	31
25	The genetic basis of floral traits associated with mating system evolution in <i>Leptosiphon</i> (Polemoniaceae): an analysis of quantitative trait loci. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 491-504.	2.3	22
26	Variation in floral longevity in the genus <i>Leptosiphon</i> : mating system consequences. <i>Plant Biology</i> , 2013, 15, 220-225.	3.8	19
27	Evolution of the Mating System in a Partially Self-Incompatible Species: Reproductive Assurance and Pollen Limitation in Populations That Differ in the Timing of Self-Compatibility. <i>International Journal of Plant Sciences</i> , 2009, 170, 885-893.	1.3	18
28	Joining genetic linkage maps using a joint likelihood function. <i>Theoretical and Applied Genetics</i> , 2004, 109, 996-1004.	3.6	16
29	Low levels of inbreeding depression and enhanced fitness in cleistogamous progeny in the annual plant <i>Triodanis perfoliata</i> . <i>Botany</i> , 2019, 97, 405-415.	1.0	14
30	Cleistogamy and Hybridization in Two Subspecies of <i>Triodanis perfoliata</i> (Campanulaceae). <i>Rhodora</i> , 2013, 115, 42-60.	0.1	8
31	Long-term nutrient enrichment, mowing, and ditch drainage interact in the dynamics of a wetland plant community. <i>Ecosphere</i> , 2020, 11, e03252.	2.2	8
32	Wind pollination and reproductive assurance in <i>Linanthus parviflorus</i> (Polemoniaceae), a self-incompatible annual. <i>American Journal of Botany</i> , 1999, 86, 948-54.	1.7	8
33	Does stigma curvature promote delayed selfing? An experimental investigation in <i>Triodanis perfoliata</i> (Campanulaceae). <i>Plant Biology</i> , 2018, 20, 199-204.	3.8	7
34	Distinct microbial communities alter litter decomposition rates in a fertilized coastal plain wetland. <i>Ecosphere</i> , 2021, 12, e03619.	2.2	6
35	TRANSIENT SI AND THE DYNAMICS OF SELF-INCOMPATIBILITY ALLELES: A SIMULATION MODEL AND EMPIRICAL TEST. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 2105-2111.	2.3	4
36	The genetic control of self-incompatibility in <i>Linanthus parviflorus</i> (Polemoniaceae). <i>Heredity</i> , 1997, 79, 424-432.	2.6	3

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37	Ecological serviceâ€learning positively impacts classroom climate and empowers undergraduates for environmental action. <i>Ecosphere</i> , 2022, 13, .	2.2	3
38	Convergence in the Leaf Shape of Vines: A Test of the Carolina Flora Using Phylogenetic Comparative Methods. <i>Southeastern Naturalist</i> , 2004, 3, 277-288.	0.4	1
39	THE GENETIC BASIS OF FLORAL TRAITS ASSOCIATED WITH MATING SYSTEM EVOLUTION IN LEPTOSIPHON (POLEMONIACEAE): AN ANALYSIS OF QUANTITATIVE TRAIT LOCI. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 491.	2.3	0
40	Important Biological Knowledge for Management of Cooley's Meadowrue (<i>Thalictrum cooleyi</i>), a Federally Endangered Endemic of Pine Savannas. <i>Natural Areas Journal</i> , 2016, 36, 288-301.	0.5	0
41	When plants get bent out of shape: a new twist in plant reproduction. <i>New Phytologist</i> , 2020, 227, 8-9.	7.3	0
42	Longâ€Term Nutrient Enrichment, Mowing, and Ditch Drainage Interact in the Dynamics of a Wetland Plant Community. <i>Bulletin of the Ecological Society of America</i> , 2021, 102, e01815.	0.2	0
43	Mating Systems and Floral Biology of the Herb Layer. , 2014, , 108-133.		0